AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Amendment to the Claims

1. (currently amended) In an inoculation bioreactor, a ~~A~~ method of mammalian cell seed-train expansion comprising:

a) providing ~~a~~ an inoculation bioreactor having an inoculation well,

b) adding mammalian cell culture media to said inoculation well, ~~delivering a suspension of mammalian cells to media within the inoculation well,~~

c) ~~controlling environmental conditions and composition of said media so that cell growth within the inoculation well is optimized~~ delivering a cryopreservation bag quantity of mammalian cells to the media within the inoculation well,

d) ~~growing the mammalian cells until a predetermined cell density is reached within said well~~ controlling environmental conditions and composition of said media so that cell growth within the inoculation well is optimized and desired cell density achieved, and

e) increasing the media volume incrementally while maintain optimum environmental conditions and environmental growth conditions until the inoculation bioreactor is filled to a predetermined volume and cell density.

2. (Cancelled)

3. (Original) The method of Claim 1, wherein the mammalian cells are selected from the group consisting of Chinese hamster ovary cells and baby hamster kidney cells.

4. (Currently amended) The method of claim 1, wherein the ~~cells are obtained from a cryobag~~ inoculation bioreactor has a volumetric capacity of about 7 Liters.

5. (Currently amended) The method of claim 1, wherein the ~~cells are obtained from a cryovial~~ inoculation bioreactor has a volumetric capacity of about 15 Liters.

6-9. (Withdrawn)

10. (New) The method of claim 1, wherein the inoculation well has a volumetric capacity of about 2 Liters.

11. (New) The method of claim 1, wherein the cryopreservation bag quantity of mammalian cells has a volume of between about 50 and 100 milliliters, and the cell density is between about 20 x 10^6 cells per milliliter and 40 x 10^6 cells per milliliter.